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PATENT  
TS1102 (US)  
DFH:EM

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Donald F. Haas

Date: September 15, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	)	
	)	
EIT DRENT, ROELOF VAN GINKEL,	)	
and WILLEM W. JAGER	)	
	)	
Serial No. 10/670,105	)	Group Art Unit: 1621
	)	
Filed September 24, 2003	)	
	)	
PROCESS FOR THE HYDROFORMYLATION	)	September 15, 2004
OF AN ETHYLENICALLY UNSATURATED	)	
COMPOUND	)	
	)	

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

FEE AND INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

For the foreign language documents, an English language abstract is provided.


The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicants.

FEE

The Commissioner is hereby authorized to charge to Deposit Account No. 19-1800, the fee associated with the filing of this Information Disclosure Statement.

Respectfully submitted,

EIT DRENT, ROELOF VAN GINKEL,  
and WILLEM W. JAGER

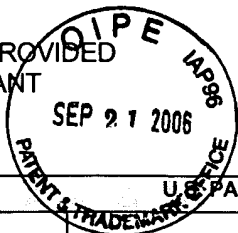
By 

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FORM PTO-1449 (Modified)

LIST OF INFORMATION PROVIDED  
BY APPLICANT  
(Use several sheets if necessary)

ATTY. DOCKET NO.  
TS1102 (US)APPLICATION NUMBER  
10/670,105APPLICANT  
E. Drent et al.FILING DATE  
September 24, 2003GROUP ART UNIT  
1621

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US6103927	8/15/00	De Castro Loureiro Barreto Rosa et al.	560	207	
	AB	US5780684	7/14/98	Drent et al.	568	454	
	AC	US6290926	9/18/01	Haenel et al.	423	437.2	
	AD	US6037500	3/14/00	Zhang	568	12	
	AE	US5817848	10/6/98	Kamer et al.	556	12	
	AF	US6613922	9/2/03	Zanotti-Gerosa et al.	556	19	
	AG	US6525210	2/25/03	Zhang et al.	556	21	
	AH	US6828271	12/7/04	Zhang et al.	502	162	
	AI	US20040220049	11/4/04	Hems et al.	502	150	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL	EP0499329	5/4/94	Europe	B01J	31/18		
	AM	WO02057278	7/25/02	World	C07F	9/48		
	AN	WO0114299	3/1/01	World	C07C	39/205		
	AO	WO0236261	5/10/02	World	B01J	31/16		

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	"Hydroformylation of Internal Olefins to Linear Aldehydes with Novel Rhodium Catalysts," by Lars A. van der Veen, Paul C. J. Kramer, and Piet W. N. M. van Leeuwen, Angew. Chem. Int. Ed. 1999, 38 No. 3, pp. 336-338
	AS	"On the Mechanism of the Thermal Tetramerization of Phospholes," by M. O. Bevierre, F. Mercier, L. Richard, and F. Mathey, Bulletin de la Societe Chimique de France (1992), 129, 1-8
	AT	"Versatile Ligands for Palladium-Catalyzed Asymmetric Allylic Alkylation," by Peter Dierkes, Shailesh Ramdeehul, Laurent Barloy, Andre De Cian, Jean Fischer, Paul C. J. Kamer, Piet W. N. M. van Leeuwen, and John A. Osborn, Angewandte Chemie, International Edition (1998), 37, No. 22, pp. 3116-3118

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	BA	US5189003	2/23/93	Klusener et al.	502	167	
	BB	US2004059157	3/25/04	Slany et al.	564	16	
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No	
	BL	GE10106348	8/14/02	Germany (English Abstract)	C07F	9/6568		X
	BM							
	BN							
	BO							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	BR	Chemical Abstracts Service, Waschbuesch, Klaus et al., "Combining the Chemistry of Phospholes and Phosphinines," Data accession no. 124:176301, abstract of Bulletin de la Societe Chimique de France (1995), 132(9), 910-19
	BS	"Palladium-Catalyzed Enantioselective Multiple Carbonylation of 1-Olefins. Synthesis of Optically Active 2-oxo-pentanedioates and Butanedioates," by Martin Sperrle, Giambattista Consiglio, Inorganic Chimica Acta (2000) pp. 264-272
	BT	Chemical Abstracts Service, Fujie, Naoto et al., "Asymmetric Reactions Catalyzed by Chiral Metal Complexes. LXXXV. Synthesis of new Atropisomeric Bisphosphine Ligands Bearing Chiral Phospholane and Their use in Asymmetric Hydrogenation," Database accession no. 130:296749, abstract of Chemical & Pharmaceutical Bulletin (1999) 47(3), pp. 436-439

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